GCP CPI Connection Options
Interconnect Single Region
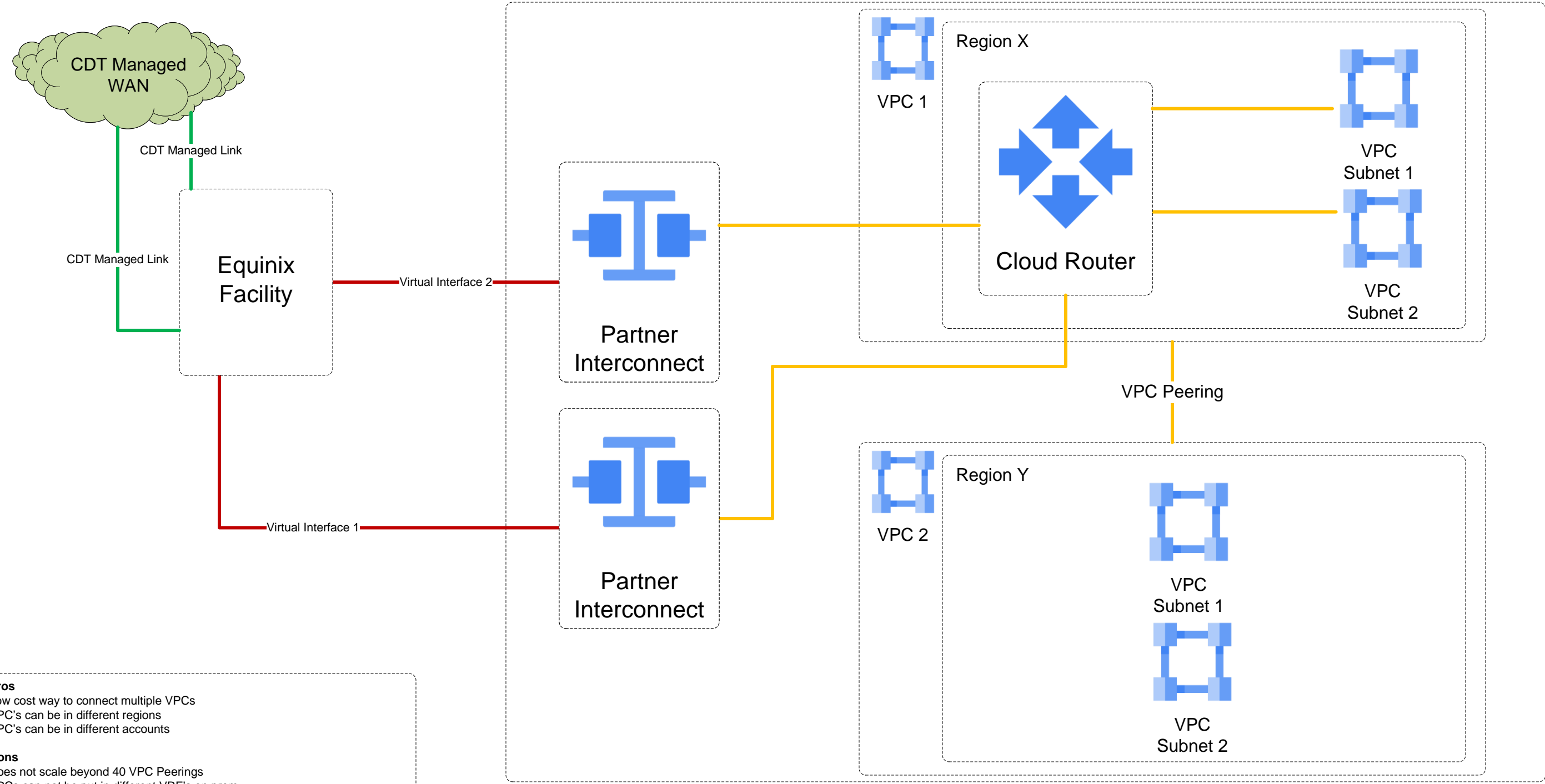
CDT Managed WAN

CDT Managed Link

CDT Managed Link

Equinix Facility

Virtual Interface 2

Virtual Interface 1

Partner Interconnect

Partner Interconnect

VPC 1

Region X

Cloud Router

VPC Subnet 1

VPC Subnet 2

VPC Peering

VPC 2

Region Y

VPC Subnet 1

VPC Subnet 2

Pros
Low cost way to connect multiple VPCs
VPC's can be in different regions
VPC's can be in different accounts

Cons
Does not scale beyond 40 VPC Peerings
VPCs can not be put in different VRF's on prem

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GCP CPI Connection Options
Interconnect Multi Region
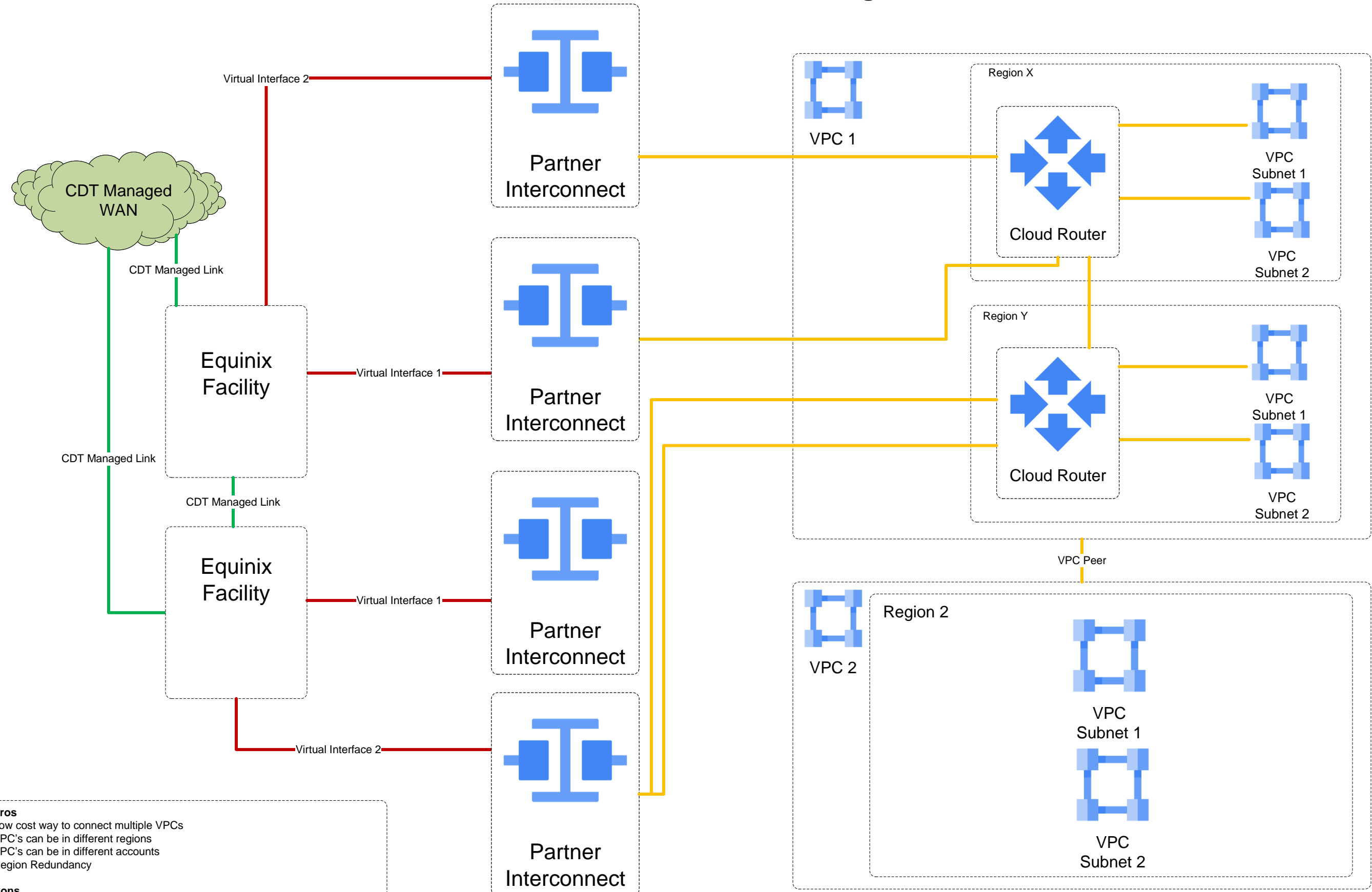
CDT Managed WAN

CDT Managed Link

Equinix Facility

CDT Managed Link

Equinix Facility

CDT Managed Link

Virtual Interface 2

Virtual Interface 1

Virtual Interface 1

Virtual Interface 2

Partner Interconnect

Partner Interconnect

Partner Interconnect

Partner Interconnect

VPC 1

Region X

Cloud Router

VPC Subnet 1

VPC Subnet 2

Region Y

Cloud Router

VPC Subnet 1

VPC Subnet 2

VPC Peer

VPC 2

Region 2

VPC Subnet 1

VPC Subnet 2

Pros
Low cost way to connect multiple VPCs
VPC's can be in different regions
VPC's can be in different accounts
Region Redundancy

Cons
Higher Cost
VPCs can not be put in different VRF's on prem
Higher Complexity

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